

PA-SCORE

PA SCORESHEETS

Site Name: HALLER TESTING LABORATORIES, INC.
CERCLIS ID No.: NJD986578284
Street Address: 336 LELAND AVENUE
City/State/Zip: PLAINFIELD, NJ 07061

Investigator: MATTHEW J. COEFER
Agency/Organization: NJDEPE
Street Address: 300 HORIZON CENTER
City/State: ROBBINSVILLE, NJ

Date: 07/21/1993

217050



HALLER TESTING LABORATORIES, INC. - 07/21/93

Ground Water Pathway Criteria List
Suspected Release

Are sources poorly contained? (y/n/u)	N
Is the source a type likely to contribute to ground water contamination (e.g., wet lagoon)? (y/n/u)	U
Is waste quantity particularly large? (y/n/u)	N
Is precipitation heavy? (y/n/u)	Y
Is the infiltration rate high? (y/n/u)	N
Is the site located in an area of karst terrain? (y/n)	N
Is the subsurface highly permeable or conductive? (y/n/u)	U
Is drinking water drawn from a shallow aquifer? (y/n/u)	N
Are suspected contaminants highly mobile in ground water? (y/n/u)	U
Does analytical or circumstantial evidence suggest ground water contamination? (y/n/u)	Y
Other criteria? (y/n)	N

SUSPECTED RELEASE? (y/n) Y

Summarize the rationale for Suspected Release:

HALLER TESTING LABORATORIES, INC. IS A PROBABLE CONTRIBUTOR TO THE GROUND WATER CONTAMINATION IN THE PLAINFIELD AREA. INVESTIGATIONS AND SAMPLING BY THE NJDEP, DIVISION OF WATER RESOURCES (DWR) IN 1986 DETERMINED THAT THE FACILITY DISCHARGED WASTE WATER WITHOUT A PERMIT TO TWO UNLINED SUBSURFACE DRAINAGE PITS. SOIL SAMPLING RESULTS REVEALED ELEVATED CONCENTRATIONS OF VOLATILE ORGANICS (VOS). CHLOROFORM WAS DETECTED AT 36 PARTS PER MILLION (PPM), WHICH IS OVER THE SOIL CLEANUP CRITERIA OF 19 PPM.

Ref:

GROUND WATER PATHWAY SCORESHEETS

Pathway Characteristics		Ref.
Do you suspect a release? (y/n)	Yes	
Is the site located in karst terrain? (y/n)	No	
Depth to aquifer (feet):	34	Att. EE
Distance to the nearest drinking water well (feet):	1056	Map 5 Att. DD

LIKELIHOOD OF RELEASE	Suspected Release	No Suspected Release	References
1. SUSPECTED RELEASE	550		
2. NO SUSPECTED RELEASE		0	
LR =	550	0	

Targets

TARGETS	Suspected Release	No Suspected Release	References
3. PRIMARY TARGET POPULATION 0 person(s)	0		
4. SECONDARY TARGET POPULATION Are any wells part of a blended system? (y/n) Y	7753	0	
5. NEAREST WELL	20	0	
6. WELLHEAD PROTECTION AREA None within 4 Miles	0	0	
7. RESOURCES	5	0	
T =	7778	0	

WASTE CHARACTERISTICS

WC =	18	0
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GROUND WATER PATHWAY SCORE:

100

Apportionment Documentation for a Blended System

0 - 1/4 MILE: ELIZABETHTOWN WATER COMPANY 7 WELLS; POP. 30,070
1/4 - 1/2: 0 POPULATION SERVED
1/2 - 1: 0 POPULATION SERVED
1 - 2: 0 POPULATION SERVED
2 - 3: MIDDLESEX WATER CO. 17 WELLS; POP. 125,390
3 - 4: ELIZABETHTOWN WATER COMPANY 1 WELL
MIDDLESEX WATER CO. 12 WELLS; POP. 87,895

Surface Water Pathway Criteria List
Primary Targets

Is any target nearby? (y/n/u) If yes: N

N Drinking water intake

N Fishery

N Sensitive environment

Has any intake, fishery, or recreational area been closed? (y/n/u) N

Does analytical or circumstantial evidence suggest surface water
contamination at or downstream of a target? (y/n/u) N

Does any target warrant sampling? (y/n/u) If yes: N

N Drinking water intake

N Fishery

N Sensitive environment

Other criteria? (y/n) N

PRIMARY INTAKE(S) IDENTIFIED? (y/n) N

Summarize the rationale for Primary Intakes:

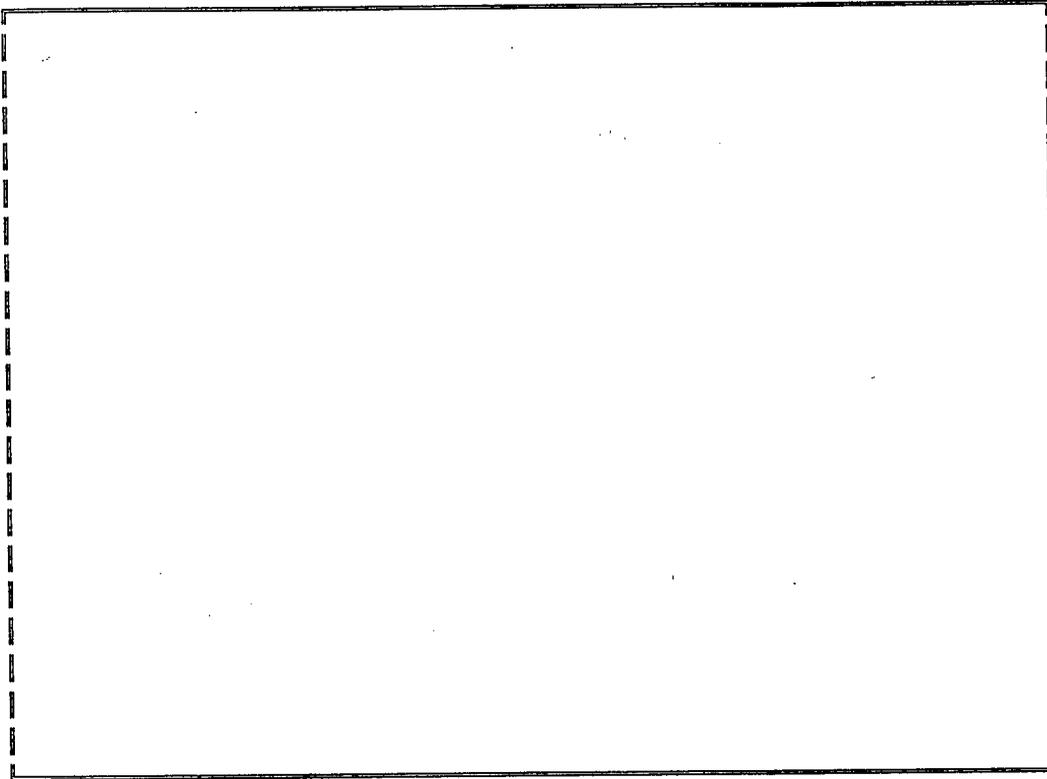
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SURFACE WATER PATHWAY SCORESHEETS

Pathway Characteristics		Ref.
Do you suspect a release? (y/n)	No	
Distance to surface water (feet):	3960	USGS Map
Flood frequency (years):	>500	Flood INS. Map
What is the downstream distance (miles) to:		
a. the nearest drinking water intake?	N.A.	
b. the nearest fishery?	N.A.	
c. the nearest sensitive environment?	N.A.	

LIKELIHOOD OF RELEASE	Suspected Release	No Suspected Release	References
1. SUSPECTED RELEASE	0		
2. NO SUSPECTED RELEASE		100	
LR =	0	100	

Apportionment Documentation for a Blended System



HALLER TESTING LABORATORIES, INC. - 07/21/93

Soil Exposure Pathway Criteria List
Resident Population

Is any residence, school, or daycare facility on or
within 200 feet of an area of suspected contamination? (y/n/u) Y

Is any residence, school, or daycare facility located on adjacent
land previously owned or leased by the site owner/operator? (y/n/u) N

Is there a migration route that might spread hazardous
substances near residences, schools, or daycare facilities? (y/n/u) Y

Have onsite or adjacent residents or students reported adverse
health effects, exclusive of apparent drinking water or air
contamination problems? (y/n/u) N

Does any neighboring property warrant sampling? (y/n/u) N

Other criteria? (y/n) N

RESIDENT POPULATION IDENTIFIED? (y/n) Y N *2/7*

Summarize the rationale for Resident Population:

THERE ARE TWO RESIDENCES ADJACENT TO THE SITE.

Soil Exposure Pathway Terrestrial Sensitive Environments

Terrestrial Sensitive Environment Name	Reference	Value
None		
Total Terrestrial Sensitive Environments Value		

*** Note : Maximum of 7 Sensitive Environments Are Printed ***

AIR PATHWAY SCORESHEETS

Pathway Characteristics			Ref.
Do you suspect a release? (y/n)	No		
Distance to the nearest individual (feet):	0	Attr AA	
LIKELIHOOD OF RELEASE	Suspected Release	No Suspected Release	References
1. SUSPECTED RELEASE	0		
2. NO SUSPECTED RELEASE		500	
LR =	0	500	

Targets

TARGETS	Suspected Release	No Suspected Release	References
3. PRIMARY TARGET POPULATION 0 person(s)	0		
4. SECONDARY TARGET POPULATION	0	54	
5. NEAREST INDIVIDUAL	0	20	
6. PRIMARY SENSITIVE ENVIRONS.	0		
7. SECONDARY SENSITIVE ENVIRONS.	0	0	
8. RESOURCES	0	5	
T =	0	79	

WASTE CHARACTERISTICS

WC =

0	18
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AIR PATHWAY SCORE:

9

Air Pathway Primary Sensitive Environments

Sensitive Environment Name	Reference	Value
None		
Total Primary Sensitive Environments Value		

*** Note : Maximum of 7 Sensitive Environments Are Printed***

Air Pathway Secondary Sensitive Environments

Sensitive Environment Name	Distance	Reference	Value
None			
Total Secondary Sensitive Environments Value			

SUMMARY

1. Is there a high possibility of a threat to any nearby drinking water well(s) by migration of a hazardous substance in ground water? Yes

If yes, identify the well(s).

ELIZABETHTOWN WATER COMPANY HAS 7 WELLS LOCATED
0.2 MILES FROM THE SITE.

If yes, how many people are served by the threatened well(s)? 0

2. Is there a high possibility of a threat to any of the following by hazardous substance migration in surface water?

- | | |
|--|----|
| A. Drinking water intake | No |
| B. Fishery | No |
| C. Sensitive environment (wetland, critical habitat, others) | No |

If yes, identify the target(s).

3. Is there a high possibility of an area of surficial contamination within 200 feet of any residence, school, or daycare facility? No

If yes, identify the properties and estimate the associated population(s)

4. Are there public health concerns at this site that are not addressed by PA scoring considerations? No

If yes, explain:

OMB Approval Number: 2050-0095
 Approved for Use Through: 4/95

POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT FORM	IDENTIFICATION	
	State: NJ	CERCLIS Number: NJD986578284
	CERCLIS Discovery Date:	

1. General Site Information

Name: HALLER TESTING LABORATORIES, INC.		Street Address: 336 LELAND AVENUE			
City: PLAINFIELD	State: NJ	Zip Code: 07061	County: UNION	Co. Code: 20	Cong. Dist.: 11
Latitude: 40° 37' 53.0"	Longitude: 74° 24' 12.0"	Approx. Area of Site: 10875 sq feet	Status of Site: Inactive		

2. Owner/Operator Information

Owner: HALLER TESTING LABORATORIES, INC.		Operator: NO OPERATOR AT THIS TIME			
Street Address: 336 LELAND AVENUE		Street Address: NA			
City: PLAINFIELD		City: NA			
State: NJ	Zip Code: 07061	Telephone: 908-756-4637	State: NJ	Zip Code: NA	Telephone: DISCONNECTED
Type of Ownership: Private		How Initially Identified: State/Local Program			

POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT FORM	IDENTIFICATION	
	State: NJ	CERCLIS Number: NJD986578284
	CERCLIS Discovery Date:	

5. General Site Characteristics

Predominant Land Uses Within 1 Mile of Site: Industrial Residential	Site Setting: Urban	Years of Operation: Beginning Year: 1927 Ending Year: 1993
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Type of Site Operations: Other: TESTER OF CONCRETE & ASPHALT SAMPLER	Waste Generated: Onsite
	Waste Deposition Authorized By: Present Owner
	Waste Accessible to the Public Yes
	Distance to Nearest Dwelling, School, or Workplace: 0 Feet

6. Waste Characteristics Information

Source Type	Quantity	Tier	General Types of Waste:
Other	4.00e+01 cu ft	V	Organics
Drums	5.00e+00 drums	V	Solvents

Physical State of Waste as Deposited Liquid
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Tier Legend
 C = Constituent W = Wastestream
 V = Volume A = Area

POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT FORM	IDENTIFICATION	
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	CERCLIS Discovery Date:	

8. Surface Water Pathway

Part 1 of 4

Type of Surface Water Draining
Site and 15 Miles Downstream:Shortest Overland Distance From Any
Source to Surface Water:3960 Feet
0.8 MilesIs there a Suspected Release to
Surface Water: NoSite is Located in:
> 500 yr floodplain

8. Surface Water Pathway

Part 2 of 4

Drinking Water Intakes Along the Surface Water Migration Path: No

Have Primary Target Drinking Water Intakes Been Identified: No

Secondary Target Drinking Water Intakes:

None

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POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT FORM	IDENTIFICATION	
	State: NJ	CERCLIS Number: NJD986578284
	CERCLIS Discovery Date:	

9. Soil Exposure Pathway

Are People Occupying Residences or Attending School or Daycare on or Within 200 Feet of Areas of Known or Suspected Contamination: No	Number of Workers Onsite: None
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Have Terrestrial Sensitive Environments Been Identified on or Within 200 Feet of Areas of Known or Suspected Contamination: No

10. Air Pathway

Total Population on or Within:	Is There a Suspected Release to Air: No
Onsite 0	
0 - 1/4 Mile 120	Wetlands Located
>1/4 - 1/2 Mile 3060	Within 4 Miles of the Site: No
>1/2 - 1 Mile 4320	
>1 - 2 Miles 20665	Other Sensitive Environments Located
>2 - 3 Miles 26415	Within 4 Miles of the Site: No
>3 - 4 Miles 28280	
Total 82860	

Sensitive Environments Within 1/2 Mile of the Site:

None